FS 2.80/4:17/5

NATIONAL COMMUNICABLE DISEASE CENTER

Morbidity and Mortality

Vol. 17, No. 5

WEEKLY REPORT

Week Ending February 3, 1968

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE — PUBLIC HEALTH SERVICE

BUREAU OF DISEASE PREVENTION AND ENVIRONMENTAL CONTROL

UNIVERSITY OF FLORIDA LIBRARIES MAR 1968 DOCUMENTS DEPT.

CONTENTS

Current Trends
Measles - United States 41
Measles - Rhode Island 42
Measles - Chicago 43
Influenza in Five U.S. Cities 43

International Notes
Influenza - Rotterdam, The Netherlands 48

CURRENT TRENDS
MEASLES – United States

For the week ending February 3, 548 cases of measles were reported. This is 22 percent of the 2,472 cases reported for the corresponding week of 1967.

During the initial 4 weeks of 1968, measles was reported from 346 counties or health districts, whereas 594 counties reported cases during the comparable period in 1967. Of these 346 areas, 39 (11.3 percent) reported a total of 10 or more measles cases (Figure 1) as contrasted with 164 of 594 counties (27.6 percent) reporting a similar number of cases during the first 4-week period of 1967 (Figure 2). In addition, the percentage of areas reporting only a single case of measles during the initial 4 weeks of 1968 increased to 38 percent from the 25 percent which had been noted during this corresponding period in 1967.

(Reported by State Services Section and Statistics Section, NCDC.)

TABLE I. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Totals include revised and delayed reports)

DISEASE	5th WEEK ENDED		MEDIAN	CUMULATIVE, FIRST 5 WEEKS		
	FEBRUARY 3, 1968	FEBRUARY 4, 1967	1963 - 1967	1968	1967	MEDIAN 1963 - 1967
Aseptic meningitis	31	29	19	137	144	136
Brucellosis	3	1	3	5	14	19
Diphtheria	—	6	4	7	12	15
Encephalitis, primary:						
Arthropod-borne & unspecified	8	14	---	74	93	---
Encephalitis, post-infectious	5	13	---	37	45	---
Hepatitis, serum	61	39	918	321	177	4,021
Hepatitis, infectious	831	871		3,880	3,701	
Malaria	85	57	1	242	146	12
Measles (rubeola)	548	2,472	7,123	2,354	8,433	29,002
Meningococcal infections, total	123	53	65	412	288	288
Civilian	113	49	---	388	267	---
Military	10	4	---	24	21	---
Mumps	4,774	---	---	22,224	---	---
Poliomyelitis, total	—	—	—	—	1	1
Paralytic	—	—	—	—	1	1
Rubella (German measles)	780	853	---	2,682	2,900	---
Streptococcal sore throat & scarlet fever	13,058	11,899	10,385	56,038	55,189	46,867
Tetanus	2	3	3	8	13	16
Tularemia	3	—	2	8	13	22
Typhoid fever	3	9	6	20	28	28
Typhus, tick-borne (Rky. Mt. spotted fever)	1	—	—	3	4	4
Rabies in animals	60	69	69	347	352	342

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	—	Rabies in man:	—
Botulism:	—	Rubella, Congenital Syndrome:	—
Leptospirosis: * Calif.-1	2	Trichinosis: N.C.-1	4
Plague:	—	Typhus, murine:	—
Psittacosis:	2	Polio, Unsp.:	—

*Delayed Report: Pa. delete 1 case, 1967.

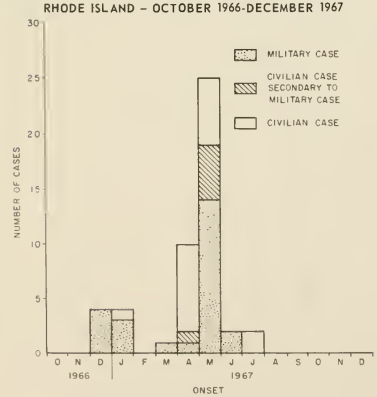
Figure 1
COUNTIES OR HEALTH DISTRICTS REPORTING A TOTAL OF 10 OR MORE CASES OF MEASLES DECEMBER 31, 1967 THROUGH JANUARY 27, 1968

Figure 2
COUNTIES OR HEALTH DISTRICTS REPORTING A TOTAL OF 10 OR MORE CASES OF MEASLES JANUARY 1 THROUGH JANUARY 28, 1967

MEASLES – Rhode Island

In Rhode Island from October 1966 when an intensive measles surveillance system was initiated through December 1967, 48 cases of measles were reported (Figure 3). The military, directly or indirectly, accounted for 31 of these cases (66 percent): 2 cases occurred in military personnel; 23 cases occurred in military dependents; 6 civilian cases were secondary to military cases. The measles attack rate during this period in Rhode Island was 16.8 per 100,000 persons for military personnel and their dependents, and was 3.0 per 100,000 persons for the civilian population.

Figure 3
REPORTED CASES OF MEASLES BY MONTH OF ONSET
RHODE ISLAND – OCTOBER 1966-DECEMBER 1967



On four occasions, measles was imported into Rhode Island through military dependents who were visiting from California, Maryland, Virginia, and Iceland:

California – a 6-year-old military dependent, visiting from California, became ill with measles in Rhode Island. Approximately 14 days later, his 16-year-old aunt, a resident of Rhode Island, became ill with measles (military-associated case No. 1).

Maryland – a military dependent child visited Rhode Island from Maryland during his prodome of measles. Upon his return to Maryland, he developed measles. During his stay in Rhode Island, four children (two preschool and two school age) in a military family were exposed to the child and developed measles. The two school age children attended the second and third grades. Approximately 10 to 14 days following their illnesses, five civilian pupils in the second and third grades also had measles (military-associated cases Nos. 2-6).

Virginia – a military dependent child visited Rhode Island during his prodrome of measles. Measles developed in four Rhode Island military dependent children approximately 14 days after they had contact with the Virginia case. A fifth child was exposed, but did not develop measles; he gave a history of measles vaccination.

Iceland – In Rhode Island, 4 days after moving from Iceland where measles cases were occurring, a military dependent child developed measles.

Of the 48 measles cases in Rhode Island, 17 cases were among the civilian population who had no known contact with military cases. Approximately half of these cases occurred in clusters with several members of a household developing measles. The remaining sporadic cases, in some instances, had contact with other measles cases; however, others had no known contact.

(Reported by Joseph E. Cannon, M.D., M.P.H., Director, Rhode Island Department of Health; and an EIS Officer.)

INFLUENZA IN FIVE U.S. CITIES

In the pneumonia-influenza mortality charts previously published in the MMWR (MMWR, Vol. 17, No. 4), a sharp rise and fall in the excess mortality has been observed. Within a single geographic region, however, varying patterns of influenza mortality have emerged in different cities which probably reflect the extent of clinical influenza in the cities.

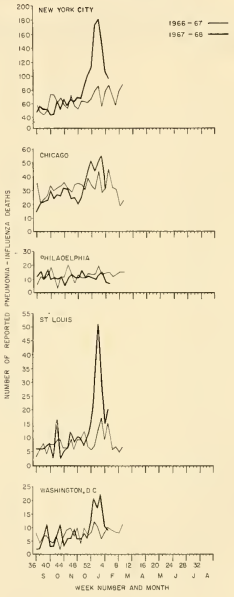
These patterns can be seen in Figure 4 which shows weekly pneumonia-influenza mortality in five cities during the 1966-67 and 1967-68 influenza seasons. It is noteworthy that while New York City and the District of Columbia both had peaks in pneumonia-influenza mortality at about the same time, to date, no increase has been noted in the city of Philadelphia. Both New York City (MMWR, Vol. 16, No. 52) and Washington, D.C. (MMWR, Vol. 16, No. 50) reported excess school absenteeism and outbreaks of influenza-like illness in December 1967. Subsequently, both cities have reported the occurrence of excess industrial absenteeism. In Philadelphia, however, although isolated cases of influenza A2 have been documented, no significant excess school or industrial absenteeism has been reported. In the Chicago and St. Louis areas, excess school absenteeism was first reported in early December 1967. An account in a St. Louis newspaper[1] noted marked increases in hospital admissions due to influenza and respiratory disease in the Christmas holiday period.

In each of these five cities, with the exception of Philadelphia, the number of deaths for 2 or more consecutive weeks was at a higher level than that reported in corresponding weeks in the preceding 5 years. This large number of deaths represents excess pneumonia-influenza mortality. In Philadelphia, in contrast, 3 of the first 5 weeks of this year are at levels below the lowest level reported for the corresponding weeks in the past 5 years. *(Reported by Respiratory Viral Diseases Unit, Viral Diseases Section, NCDC.)*

REFERENCE:

[1]St. Louis Globe Democrat, January 5, 1968.

Figure 4
PNEUMONIA-INFLUENZA MORTALITY
INFLUENZA IN FIVE U.S. CITIES
1966-67 AND 1967-68


NEW YORK CITY
1966-67
1967-68
CHICAGO
PHILADELPHIA
ST. LOUIS
WASHINGTON, D.C.
NUMBER OF REPORTED PNEUMONIA-INFLUENZA DEATHS
36 40 44 48 52 4 8 12 16 20 24 28 32
S O N D J F M A M J J A
WEEK NUMBER AND MONTH

MEASLES – Chicago, Illinois

From October 1, 1967 through January 31, 1968, the City of Chicago recorded 631 cases of measles: 53 in October; 135 in November; 167 in December; 276 in January. In October 1967, 21 of Chicago's 75 community areas reported measles, and in January 1968, 46 of these areas reported measles. For the first 3 weeks of January, 69.3 percent of Chicago's recorded cases occurred in preschool children with increasing reports from many housing project areas.

In addition to the measles vaccine distributed in Chicago's Board of Health Infant Welfare Clinics, the Immunization Project of the Chicago Board of Health has administered 34,252 doses of measles vaccine in the city schools since mid-October. Of the 21 community areas reporting four or more cases in January 1968, 126 public schools (60 percent of the public schools in these areas) have conducted measles immunization programs since October. Plans are now under way for large scale measles immunization campaigns throughout Chicago on February 17 and 18.

(Reported by Samuel L. Andelman, M.D., M.P.H., Commissioner of Health, William I. Fishbein, M.D., Medical Director, Bureau of Health Services, and Hyman G. Orbach, Ph.D., Epidemiologist, Chicago Board of Health; and an EIS Officer.)

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED
FEBRUARY 3, 1968 AND FEBRUARY 4, 1967 (5th WEEK)

AREA	ASEPTIC MENINGITIS		TUBERCULOSIS	DIPHTHERIA	ENCEPHALITIS			HEPATITIS			MALARIA
					Primary including unsp. cases		Post-Infectious	Serum	Infectious		
	1968	1967	1968	1968	1968	1967	1968	1968	1968	1967	1968
UNITED STATES...	41	29	1	-	8	14	5	61	849	871	[illegible]
NEW ENGLAND.....	-	1	1	-	1	1	-	1	32	47	[illegible]
Maine.....	-	-	-	-	-	-	-	-	*2	8	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	4	-
Vermont.....	-	-	-	-	-	-	-	-	-	1	-
Massachusetts.....	-	1	1	-	1	-	-	1	15	27	-
Rhode Island.....	-	-	-	-	-	-	-	-	9	1	[illegible]
Connecticut.....	-	-	-	-	-	1	-	-	6	6	1
MIDDLE ATLANTIC.....	-	2	-	-	1	2	-	18	81	105	[illegible]
New York City.....	-	1	-	-	-	2	-	10	7	44	[illegible]
New York, up-State.	-	-	-	-	-	-	-	1	29	27	1
New Jersey.....	-	1	-	-	-	-	-	7	*28	20	4
Pennsylvania.....	-	-	-	-	1	-	-	-	17	14	13
EAST NORTH CENTRAL...	1	2	-	-	4	2	-	-	139	130	4
Ohio.....	-	-	-	-	-	1	-	-	28	24	1
Indiana.....	-	-	-	-	-	-	-	-	10	10	-
Illinois.....	-	1	-	-	-	-	-	-	55	23	-
Michigan.....	1	1	-	-	2	1	-	-	37	58	3
Wisconsin.....	-	-	-	-	2	-	-	-	9	15	-
WEST NORTH CENTRAL..	1	1	-	-	-	2	1	-	66	65	1
Minnesota.....	1	-	-	-	-	-	1	-	9	6	-
Iowa.....	-	-	-	-	-	1	-	-	10	12	-
Missouri.....	-	1	-	-	-	-	-	-	23	35	-
North Dakota.....	-	-	-	-	-	-	-	-	*12	-	-
South Dakota.....	-	-	-	-	-	1	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-	-	-	2	1	-
Kansas.....	-	-	-	-	-	-	-	-	10	11	1
SOUTH ATLANTIC.....	7	-	-	-	-	3	-	2	57	128	35
Delaware.....	-	-	-	-	-	-	-	-	3	2	-
Maryland.....	-	-	-	-	-	2	-	2	10	32	4
Dist. of Columbia..	-	-	-	-	-	-	-	-	1	1	-
Virginia.....	-	-	-	-	-	1	-	-	2	7	-
West Virginia.....	-	-	-	-	-	-	-	-	3	10	-
North Carolina.....	1	-	-	-	-	-	-	-	6	6	12
South Carolina.....	3	-	-	-	-	-	-	-	-	1	5
Georgia.....	-	-	-	-	-	-	-	-	21	67	13
Florida.....	3	-	-	-	-	-	-	-	11	2	1
EAST SOUTH CENTRAL...	6	6	1	-	-	-	-	-	88	74	-
Kentucky.....	1	4	-	-	-	-	-	-	44	41	-
Tennessee.....	2	1	1	-	-	-	-	-	29	21	-
Alabama.....	1	-	-	-	-	-	-	-	4	7	-
Mississippi.....	2	1	-	-	-	-	-	-	11	5	-
WEST SOUTH CENTRAL...	-	4	-	-	-	1	2	1	74	69	2
Arkansas.....	-	-	-	-	-	-	-	-	-	1	-
Louisiana.....	-	-	-	-	-	-	-	1	13	10	-
Oklahoma.....	-	-	-	-	-	-	-	-	16	5	2
Texas.....	-	4	-	-	-	1	2	-	45	53	-
MOUNTAIN.....	1	-	-	-	1	-	-	-	28	30	9
Montana.....	-	-	-	-	-	-	-	-	6	2	-
Idaho.....	-	-	-	-	-	-	-	-	1	9	-
Wyoming.....	-	-	-	-	-	-	-	-	-	2	-
Colorado.....	-	-	-	-	1	-	-	-	5	-	9
New Mexico.....	-	-	-	-	-	-	-	-	7	9	-
Arizona.....	-	-	-	-	-	-	-	-	4	7	-
Utah.....	1	-	-	-	-	-	-	-	5	1	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	15	13	1	-	1	3	2	39	266	223	11
Washington.....	-	1	-	-	-	-	-	-	21	26	4
Oregon.....	-	-	-	-	-	-	1	-	13	23	-
California.....	15	11	1	-	1	3	1	39	229	170	7
Alaska.....	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	1	-	-	-	-	-	-	3	4	-
Puerto Rico.....	1	-	-	-	-	-	-	-	2	13	-

*Delayed Reports: Hepatitis, infectious: Me. 2; N.J. delete 1; N.D. 12

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

FEBRUARY 3, 1968 AND FEBRUARY 4, 1967 (5th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS	POLIOMYELITIS			RUBELLA
		Cumulative			Cumulative			Total	Paralytic		
	1968	1968	1967	1968	1968	1967	1968	1968	1968	Cum. 1968	1968
UNITED STATES...	548	2,354	8,483	123	412	288	4,774	-	-	-	780
NEW ENGLAND.....	34	95	117	10	21	9	846	-	-	-	162
Maine.....	-	7	5	*2	2	1	*61	-	-	-	*13
New Hampshire.....	7	10	34	-	2	-	10	-	-	-	-
Vermont.....	5	5	13	-	1	-	83	-	-	-	5
Massachusetts.....	14	41	46	5	8	4	490	-	-	-	82
Rhode Island.....	-	1	6	1	1	-	57	-	-	-	8
Connecticut.....	8	31	13	2	7	4	145	-	-	-	54
MIDDLE ATLANTIC.....	79	287	356	13	43	43	93	-	-	-	73
New York City.....	12	44	44	-	6	9	93	-	-	-	32
New York, Up-State.	42	173	84	1	3	12	NN	-	-	-	17
New Jersey.....	15	49	129	10	18	17	-	-	-	-	24
Pennsylvania.....	10	21	99	2	16	5	NN	-	-	-	-
EAST NORTH CENTRAL...	132	695	761	9	45	31	964	-	-	-	144
Ohio.....	12	81	70	2	12	12	115	-	-	-	18
Indiana.....	14	102	114	4	8	3	207	-	-	-	17
Illinois.....	59	319	77	1	8	6	146	-	-	-	28
Michigan.....	10	41	183	1	14	8	496	-	-	-	35
Wisconsin.....	37	152	317	1	3	2	-	-	-	-	46
WEST NORTH CENTRAL...	9	60	284	2	23	14	553	-	-	-	43
Minnesota.....	-	-	13	-	4	2	11	-	-	-	2
Iowa.....	2	25	48	-	1	2	440	-	-	-	28
Missouri.....	1	4	10	-	4	4	16	-	-	-	1
North Dakota.....	3	19	118	-	1	-	43	-	-	-	2
South Dakota.....	-	3	15	-	3	3	NN	-	-	-	-
Nebraska.....	3	6	80	-	1	2	13	-	-	-	-
Kansas.....	*-	3	NN	2	9	1	30	-	-	-	10
SOUTH ATLANTIC.....	55	198	999	35	98	52	309	-	-	-	34
Delaware.....	-	-	9	-	-	2	6	-	-	-	-
Maryland.....	-	12	13	4	7	7	31	-	-	-	3
Dist. of Columbia..	2	4	4	1	2	-	3	-	-	-	-
Virginia.....	17	36	242	3	9	6	29	-	-	-	5
West Virginia.....	8	55	235	1	3	8	156	-	-	-	8
North Carolina.....	8	11	225	6	19	9	NN	-	-	-	-
South Carolina.....	1	5	4	6	18	2	3	-	-	-	-
Georgia.....	-	2	9	6	13	8	-	-	-	-	-
Florida.....	19	73	258	8	27	10	81	-	-	-	18
EAST SOUTH CENTRAL...	3	42	1,068	7	31	26	344	-	-	-	66
Kentucky.....	1	9	358	2	8	9	117	-	-	-	27
Tennessee.....	-	15	383	5	12	11	138	-	-	-	28
Alabama.....	2	10	159	-	1	2	69	-	-	-	11
Mississippi.....	-	8	168	-	10	4	-	-	-	-	-
WEST SOUTH CENTRAL...	95	454	2,587	39	106	47	319	-	-	-	25
Arkansas.....	-	-	334	1	3	-	-	-	-	-	-
Louisiana.....	-	1	19	13	26	22	8	-	-	-	1
Oklahoma.....	-	36	658	6	24	2	-	-	-	-	-
Texas.....	95	417	1,576	19	53	23	311	-	-	-	24
MOUNTAIN.....	27	99	601	1	4	8	418	-	-	-	35
Montana.....	4	6	124	-	1	-	43	-	-	-	8
Idaho.....	-	6	52	1	1	1	-	-	-	-	-
Wyoming.....	3	20	12	-	-	-	150	-	-	-	3
Colorado.....	11	37	106	-	1	3	117	-	-	-	17
New Mexico.....	4	11	96	-	-	3	31	*-	*-	-	3
Arizona.....	3	17	92	-	1	-	39	-	-	-	4
Utah.....	-	-	19	-	-	-	7	-	-	-	-
Nevada.....	2	2	100	-	-	1	31	-	-	-	-
PACIFIC.....	114	424	1,710	7	41	58	928	-	-	-	198
Washington.....	25	112	948	-	6	1	356	-	-	-	65
Oregon.....	38	114	241	-	3	5	19	-	-	-	12
California.....	51	184	455	7	32	50	523	-	-	-	106
Alaska.....	-	-	48	-	-	2	6	-	-	-	12
Hawaii.....	-	14	18	-	-	-	24	-	-	-	3
Puerto Rico.....	8	23	240	-	-	1	11	-	-	-	4

*Delayed Reports: Measles: Kans. delete 11
Meningococcal infections: Me. 2
Mumps: Me. 9
Poliomyelitis, paralytic: N.M. 2 cases 1967
Rubella: Me. 9

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES, UNITED STATES
FOR WEEKS ENDED
FEBRUARY 3, 1968 AND FEBRUARY 4, 1967 (5th WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1968	1968	Cum. 1968	1968	Cum. 1968	1968	Cum. 1968	1968	Cum. 1968	1968	Cum. 1968
UNITED STATES...	13,058	2	8	3	8	3	20	1	3	60	347
NEW ENGLAND.....	1,730	-	-	-	-	-	1	-	-	3	6
Maine.....	819	-	-	-	-	-	-	-	-	3	6
New Hampshire.....	55	-	-	-	-	-	-	-	-	-	-
Vermont.....	23	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	233	-	-	-	-	-	-	-	-	-	-
Rhode Island.....	102	-	-	-	-	-	-	-	-	-	-
Connecticut.....	1,328	-	-	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC.....	357	-	1	-	-	-	3	-	-	-	3
New York City.....	17	-	-	-	-	-	4	-	-	-	-
New York, Up-State.	271	-	1	-	-	-	1	-	-	-	2
New Jersey.....	NN	-	-	-	-	-	-	-	-	-	-
Pennsylvania.....	69	-	-	-	-	-	-	-	-	-	1
EAST NORTH CENTRAL...	1,405	-	2	-	1	1	4	-	-	-	20
Ohio.....	268	-	-	-	-	1	4	-	-	-	8
Indiana.....	260	-	-	-	-	-	-	-	-	-	6
Illinois.....	391	-	1	-	-	-	-	-	-	-	2
Michigan.....	277	-	1	-	1	-	-	-	-	-	2
Wisconsin.....	209	-	-	-	-	-	-	-	-	-	2
WEST NORTH CENTRAL...	530	1	1	1	2	-	2	-	-	11	61
Minnesota.....	22	-	-	-	-	-	-	-	-	3	13
Iowa.....	144	-	-	-	-	-	-	-	-	2	18
Missouri.....	13	1	1	-	-	-	2	-	-	2	12
North Dakota.....	149	-	-	-	-	-	-	-	-	3	11
South Dakota.....	43	-	-	-	1	-	-	-	-	-	-
Nebraska.....	*154	-	-	-	-	-	-	-	-	-	4
Kansas.....	5	-	-	1	1	-	-	-	-	1	3
SOUTH ATLANTIC.....	1,122	-	-	1	2	1	2	-	2	7	38
Delaware.....	7	-	-	-	-	-	-	-	-	-	-
Maryland.....	156	-	-	-	-	-	1	-	-	-	-
Dist. of Columbia..	12	-	-	-	-	-	-	-	-	-	-
Virginia.....	381	-	-	-	-	-	-	-	2	4	21
West Virginia.....	231	-	-	-	-	-	-	-	-	2	6
North Carolina.....	15	-	-	1	2	-	-	-	-	-	-
South Carolina.....	11	-	-	-	-	-	-	-	-	-	-
Georgia.....	26	-	-	-	-	1	1	-	-	-	3
Florida.....	283	-	-	-	-	-	-	-	-	1	8
EAST SOUTH CENTRAL...	2,106	-	1	1	1	-	3	1	1	21	134
Kentucky.....	581	-	-	-	-	-	-	-	-	6	48
Tennessee.....	1,373	-	-	1	1	-	3	-	-	13	80
Alabama.....	134	-	1	-	-	-	-	-	-	2	6
Mississippi.....	18	-	-	-	-	-	-	1	1	-	-
WEST SOUTH CENTRAL...	913	-	1	-	-	-	-	-	-	14	66
Arkansas.....	10	-	-	-	-	*-	-	-	-	1	5
Louisiana.....	5	-	-	-	-	-	-	-	-	1	5
Oklahoma.....	46	-	-	-	-	-	-	-	-	5	23
Texas.....	852	-	1	*-	-	*-	-	-	-	7	33
MOUNTAIN.....	2,918	-	-	-	2	-	-	-	-	-	4
Montana.....	69	-	-	-	-	-	-	-	-	-	-
Idaho.....	143	-	-	-	-	-	-	-	-	-	-
Wyoming.....	*355	-	-	-	-	-	-	-	-	-	-
Colorado.....	1,813	-	-	-	1	-	-	-	-	-	-
New Mexico.....	349	-	-	-	-	-	-	-	-	-	-
Arizona.....	82	-	-	-	-	-	-	-	-	-	4
Utah.....	87	-	-	-	1	-	-	-	-	-	-
Nevada.....	20	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	1,977	1	2	-	-	1	3	-	-	4	15
Washington.....	658	-	-	-	-	-	-	-	-	-	-
Oregon.....	183	-	-	-	-	-	-	-	-	-	-
California.....	964	1	2	-	-	1	3	-	-	4	15
Alaska.....	55	-	-	-	-	-	-	-	-	-	-
Hawaii.....	117	-	-	-	-	-	-	-	-	-	-
Puerto Rico.....	5	-	-	-	-	-	-	-	-	1	1

*Delayed Reports: SST and Scarlet Fever: Me. 5; Nebr. 149; Wyo. 169
Tularemia: Tex. 1 case 1967
Typhoid: Ark. delete 1 case 1967; Tex. 2 cases 1967

Week No.

TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED FEBRUARY 3, 1968

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza	Under 1 year
	All Ages	65 years and over	All Ages	All Causes
NEW ENGLAND:	911	598	87	36
Boston, Mass.	270	162	32	17
Bridgeport, Conn.	65	45	3	2
Cambridge, Mass.	42	30	-	3
Fall River, Mass.	51	36	4	-
Hartford, Conn.	74	45	2	1
Lowell, Mass.	28	18	1	1
Lynn, Mass.	35	25	2	-
New Bedford, Mass.	38	22	6	1
New Haven, Conn.	53	36	4	3
Providence, R. I.	81	50	6	5
Somerville, Mass.	17	11	3	-
Springfield, Mass.	57	41	8	3
Waterbury, Conn.	26	18	2	-
Worcester, Mass.	74	59	12	-
MIDDLE ATLANTIC:	3,555	2,214	201	113
Albany, N. Y.	49	30	-	2
Allentown, Pa.	56	38	4	2
Buffalo, N. Y.	145	83	8	5
Camden, N. J.	42	28	2	2
Elizabeth, N. J.	39	21	5	1
Erie, Pa.	39	24	3	1
Jersey City, N. J.	76	47	6	6
Newark, N. J.	113	59	7	6
New York City, N. Y.	1,877	1,159	91	61
Paterson, N. J.	38	21	4	2
Philadelphia, Pa.	445	276	7	3
Pittsburgh, Pa.	185	112	9	8
Reading, Pa.	70	54	7	1
Rochester, N. Y.	116	76	23	4
Schenectady, N. Y.	37	28	3	1
Scranton, Pa.	44	34	3	2
Syracuse, N. Y.	72	46	3	5
Trenton, N. J.	48	34	2	1
Utica, N. Y.	28	21	8	-
Yonkers, N. Y.	36	23	6	-
EAST NORTH CENTRAL.	2,813	1,635	152	119
Akron, Ohio	79	43	-	5
Canton, Ohio	39	23	5	-
Chicago, Ill.*	807	446	50	34
Cincinnati, Ohio	198	129	13	5
Cleveland, Ohio	215	129	9	9
Columbus, Ohio	137	75	5	8
Dayton, Ohio	115	73	12	4
Detroit, Mich.	383	207	10	18
Evansville, Ind.	53	39	3	-
Flint, Mich.	51	18	3	2
Fort Wayne, Ind.	45	31	2	2
Gary, Ind.	34	17	2	1
Grand Rapids, Mich.	48	33	7	-
Indianapolis, Ind.	149	80	5	13
Madison, Wis.	36	17	1	3
Milwaukee, Wis.	141	91	3	4
Peoria, Ill.	77	17	4	1
Rockford, Ill.	33	20	6	-
South Bend, Ind.	43	28	3	3
Toledo, Ohio	113	65	7	4
Youngstown, Ohio	67	52	2	3
WEST NORTH CENTRAL:	976	619	58	51
Des Moines, Iowa	68	49	7	2
Duluth, Minn.	38	23	2	2
Kansas City, Kans.	44	24	3	6
Kansas City, Mo.	143	93	2	10
Lincoln, Nebr.	30	20	3	0
Minneapolis, Minn.	126	86	4	3
Omaha, Nebr.	104	71	8	5
St. Louis, Mo.	260	151	21	16
St. Paul, Minn.	100	67	3	5
Wichita, Kans.	63	35	5	2

Area	All Causes		Pneumonia and Influenza	Under 1 year
	All Ages	65 years and over	All Ages	All Causes
SOUTH ATLANTIC:	1,361	745	93	75
Atlanta, Ga.	185	87	9	14
Baltimore, Md.	263	137	16	11
Charlotte, N. C.	46	20	2	2
Jacksonville, Fla.	73	35	5	5
Miami, Fla.	117	69	4	7
Norfolk, Va.	69	36	11	3
Richmond, Va.	91	54	4	8
Savannah, Ga.	56	29	10	1
St. Petersburg, Fla.	97	89	11	-
Tampa, Fla.	96	52	9	6
Washington, D. C.	225	109	9	14
Wilmington, Del.	43	28	3	4
EAST SOUTH CENTRAL:	770	459	74	26
Birmingham, Ala.	110	58	8	3
Chattanooga, Tenn.	65	42	9	2
Knoxville, Tenn.	45	29	2	-
Louisville, Ky.	172	112	23	4
Memphis, Tenn.	153	93	8	4
Mobile, Ala.	58	25	1	3
Montgomery, Ala.	62	34	15	6
Nashville, Tenn.	105	66	8	4
WEST SOUTH CENTRAL:	1,451	799	122	82
Austin, Tex.	42	27	8	3
Baton Rouge, La.	37	23	6	1
Corpus Christi, Tex.	36	21	3	4
Dallas, Tex.	185	109	18	8
El Paso, Tex.*	49	26	10	5
Fort Worth, Tex.	77	45	5	3
Houston, Tex.	327	155	19	18
Little Rock, Ark.	68	37	7	2
New Orleans, La.	202	111	10	12
Oklahoma City, Okla.	115	66	6	9
San Antonio, Tex.	162	99	9	6
Shreveport, La.	80	45	10	5
Tulsa, Okla.	71	35	11	6
MOUNTAIN:	581	381	41	26
Albuquerque, N. Mex.	57	34	6	3
Colorado Springs, Colo.	35	23	7	1
Denver, Colo.	166	101	15	13
Ogden, Utah	19	15	4	-
Phoenix, Ariz.	126	92	2	3
Pueblo, Colo.	32	27	1	-
Salt Lake City, Utah	64	43	1	4
Tucson, Ariz.	82	46	5	2
PACIFIC:	1,751	1,055	53	78
Berkeley, Calif.	19	13	2	1
Fresno, Calif.	49	27	1	4
Glendale, Calif.	41	29	4	2
Honolulu, Hawaii	59	27	1	4
Long Beach, Calif.	85	52	1	2
Los Angeles, Calif.	619	378	20	32
Oakland, Calif.	99	50	4	4
Pasadena, Calif.	36	27	1	1
Portland, Oreg.	124	74	1	7
Sacramento, Calif.	66	43	3	3
San Diego, Calif.	96	53	2	2
San Francisco, Calif.	182	110	3	7
San Jose, Calif.	46	33	1	-
Seattle, Wash.	120	67	3	4
Spokane, Wash.	66	42	4	3
Tacoma, Wash.	44	30	2	2
Total	14,169	8,505	881	606

*Estimate - based on average percent of divisional total.

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages	75,926
All Causes, Age 65 and over	46,113
Pneumonia and Influenza, All Ages	4,934
All Causes, Under 1 Year of Age	3,148

INTERNATIONAL NOTES
INFLUENZA – Rotterdam, The Netherlands

A notable increase in influenza was reported from Rotterdam in December 1967 by 25 physicians. Influenza A2 virus was isolated from four patients in December, and serologic evidence of A2 influenza was obtained from five other patients.

In October and November, these physicians had reported fewer than 400 cases of influenza each month; however, in December 1967, 879 cases were noted. These 879 cases are more than twice the number of cases recorded in December of 1965 and 1966. For the winter of 1967, it also appears that the upward trend of influenza began approximately 1 month earlier than in the winters of 1965 and 1966 (Figure 5).

In February and March of 1965 and 1966, both A2 and B influenza viruses were isolated; however, in February and March 1967, only A2 virus was isolated. The antigenic structure of the A2 virus identified in December 1967 does not appear to be markedly different from the A2 strains isolated during the previous influenza season.

Figure 5
INFLUENZA
ROTTERDAM, THE NETHERLANDS
1965, 1966, AND 1967

(Reported by Dr. J. Huisman, Chief, Division of Epidemiology, and Dr. G. J. P. Schaap, Rotterdam City Health Department; and Dr. J. F. P. Hers, University of Leiden, The Netherlands.)

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 17,000, IS PUBLISHED AT THE NATIONAL COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

DIRECTOR, NATIONAL COMMUNICABLE DISEASE CENTER — DAVID J. SENCER, M.D.
CHIEF, EPIDEMIOLOGY PROGRAM — A.D. LANGMUIR, M.D.
ACTING CHIEF, STATISTICS SECTION — IDA L. SHERMAN, M.S.
EDITOR — MICHAEL B. GREGG, M.D.

IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE NATIONAL COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR DISEASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CONTROL OF COMMUNICABLE DISEASES. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

NATIONAL COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333
ATTN: THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE NCDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
BUREAU OF DISEASE PREVENTION AND ENVIRONMENTAL CONTROL
NATIONAL
COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF H. E. W.

UNIV. OF FL LIB.
DOCUMENTS DEPT.
U.S. DEPOSITORY

UNIVERSITY OF FLORIDA
3 1262 08863 6567